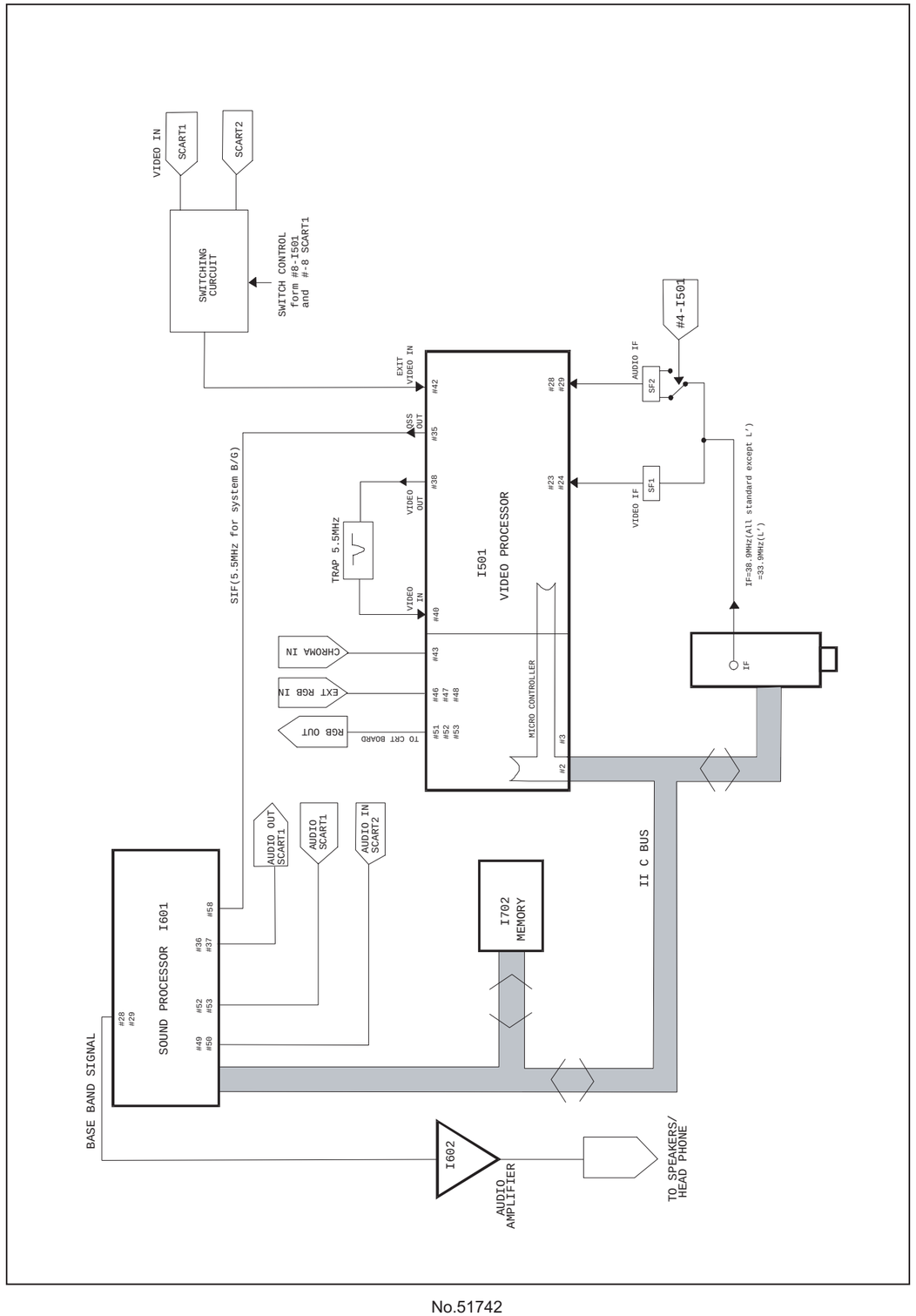
BLOCK DIAGRAM



REVISED

Please throw it out the service manual for AV-21BD5EKI/EKIS/EP/EPS/EE/EES issued in Jul. 2000,and use this service manual (No.51742 Oct. 2000).

AV-21BD5EKI / AV-21BD5EP / AV-21BD5EE
AV-21BD5EKIS / AV-21BD5EPS / AV-21BD5EES
STANDARD CIRCUIT DIAGRAM

■ NOTE :

1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN μF
3. VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL LINE 230V AC VOLTAGE READINGS SHOWN ARE NORMAL VALUES AND MAY VARY +20% EXCEPT H.V
4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE.

■ WARNING :

BEFORE SERVICING THE CHASSIS, READ "X-RAY RADIATION", "SAFETY PRECAUTION", AND "PRODUCT SAFETY NOTICE" IN SERVICE MANUAL.

■ PRODUCT SAFETY NOTE :

COMPONENTS MARKED WITH ⚠ ARE IMPORTANT FOR MAINTAINING.
THE SAFETY OF THE SET AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED ONE IN THE PARTS LIST.
DON'T DEGRADE THE SAFETY THROUGH IMPROPER SERVICING.

■ CAUTION TO SERVICE TECHNICIANS :

BEFORE RETURNING THE RECEIVER TO CUSTOMER, LEAKAGE CURRENT OR RESISTANCE MEASUREMENTS SHOULD BE PERFORMED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT.

RESISTOR

CARBON FILM	
R M-OXIDE	(M)
CARBON COMP	(CC)
FUSIBLE	(F)
CEMENT	(C)

CAPACITOR

ELECTRO	
CERAMIC	
CERAMIC CH	(CH)
ELECTRO NONPOLAR	(NP)
MYLAR	(M)

COIL

PEAKING	
CHOKE	(C)
BEAD	(B)

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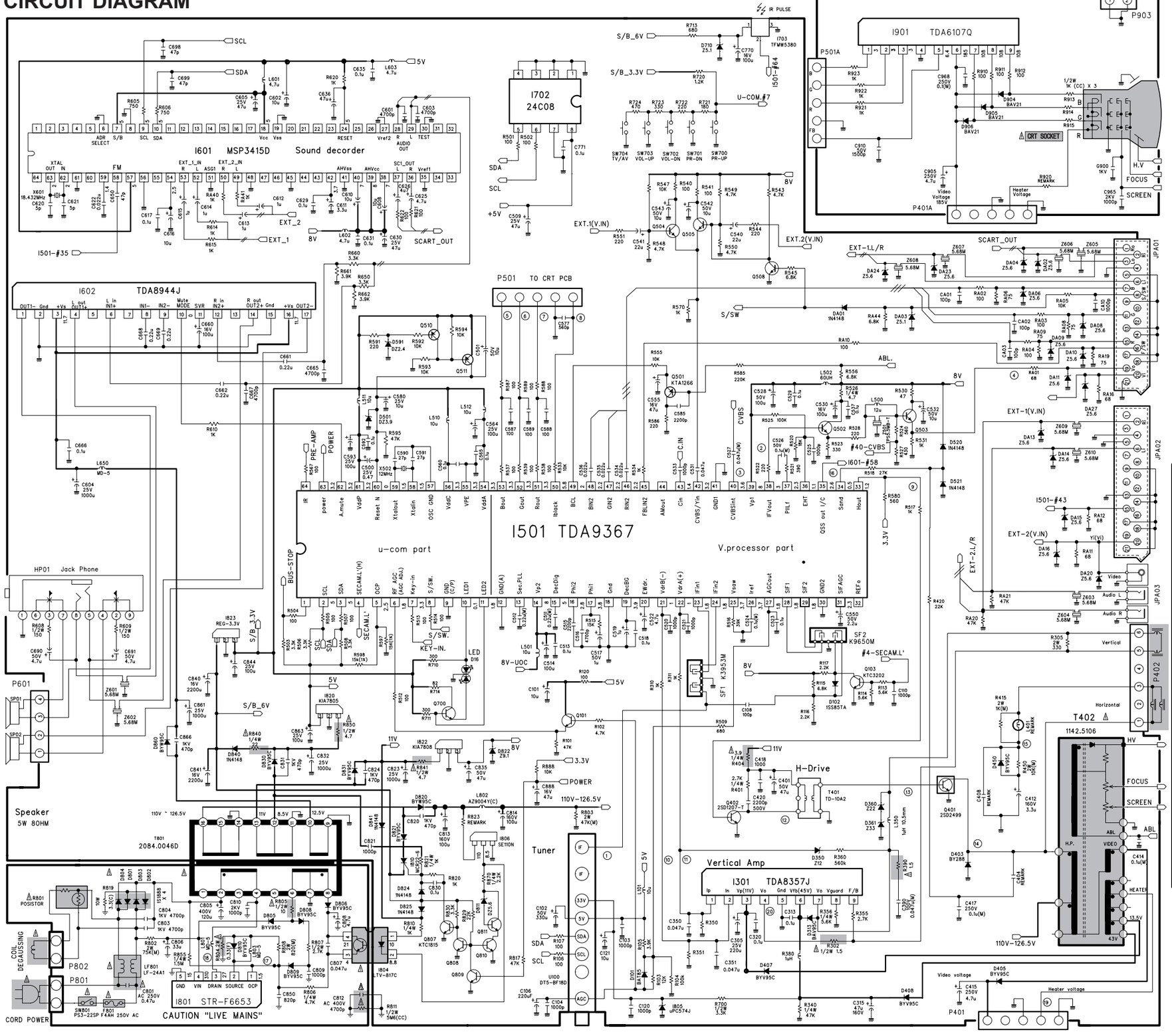
AV-21BD5EKI AV-21BD5EP AV-21BD5EE
AV-21BD5EKIS AV-21BD5EPS AV-21BD5EES

CIRCUIT DIAGRAM

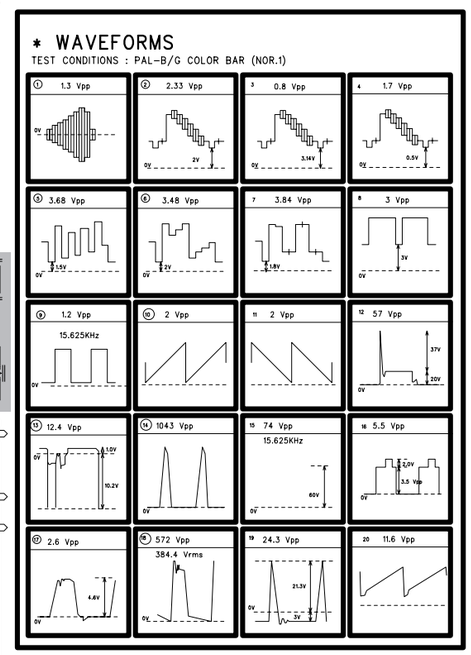


DIFFERENCE LIST

⚠	SYMBOL	AV-21BD5EP/EPS	AV-21BD5EKI/EKIS	AV-21BD5EE/EES
⚠	CRT(ITC)		4859629361C	
⚠	POWER CORD	4859906210	4859906310	4859906210
	PWB ASSY	PTMPMSA21Y3FPJ		PTMPMSA21Y3KPJ
	I501	1DW3673AE3		1DW3673AD3

* WAVEFORMS

TEST CONDITIONS : PAL-B/G COLOR BAR (NOR.1)



AV-21BD5EKI AV-21BD5EP AV-21BD5EE
AV-21BD5EKIS AV-21BD5EPS AV-21BD5EES

PATTERN DIAGRAMS

FRONT

CP-385 S/N:4859804093-00

DIP

TP-91
(B1)

CRT SOCKET PWB PATTERN

TOP

CP-385 CRT

VP0010
MS